

**PLEASE AMEND THIS APPLICATION AS FOLLOWS:**

**In The Title:**

Change the title to:

-- NON-NATIVE POLYMERASE ENCODING NUCLEIC ACID CONSTRUCT --.

**In the Claims:**

Cancel claim 1.

Add new claims 245-260 as follows:

1 Sub  
61  
NTD  
245. (NEW) A nucleic acid construct which when introduced into a cell codes for and expresses a non-native polymerase, said polymerase being capable of producing more than one copy of a nucleic acid sequence from said construct. --

-- 246. (NEW) The construct of claim 245, further comprising a recognition site for said non-native polymerase. --

-- 247. (NEW) The construct of claim 246, wherein said recognition site is complementary to a primer for said non-native polymerase. --

-- 248. (NEW) The construct of claim 247, wherein said primer comprises transfer RNA (tRNA). --

Sub  
D3  
249. (NEW) The construct of claim 245, wherein said non-native polymerase comprises a member selected from DNA polymerase, RNA polymerase and reverse transcriptase, or a combination thereof. --

-- 250. (NEW) The construct of claim 249, wherein said RNA polymerase comprises a bacteriophage RNA polymerase. --

Sub  
D4  
251. (NEW) The construct of claim 250, wherein said bacteriophage RNA polymerase is selected from T3, T7 and SP6, or a combination thereof. --

-- 252. (NEW) The construct of claim 249, further comprising a promoter for said RNA polymerase. --

2 /  
} -- 253. (NEW) The construct of claim 245, wherein said nucleic acid  
produced from said construct is selected from DNA, RNA, a DNA-RNA hybrid and a  
DNA-RNA chimera, or a combination of the foregoing. --

-- 254. (NEW) The construct of claim 253, wherein said DNA or RNA  
comprises sense or antisense, or both. --

-- 255. (NEW) A nucleic acid construct which when introduced into a cell  
produces a nucleic acid product comprising a non-native processing element, which  
when in a compatible cell, said processing element is substantially removed during  
processing. --

-- 256. (NEW) The construct of claim 255, wherein said processing element  
comprises an RNA processing element. --

Sulh  
D6 -- 257. (NEW) The construct of claim 256, wherein said RNA processing  
element is selected from an intron, a polyadenylation signal and a capping element,  
or a combination of the foregoing. --

-- 258. (NEW) The construct of claim 255, wherein said nucleic acid product  
is single stranded. --

Sulh  
D7 -- 259. (NEW) The construct of claim 255, wherein said nucleic acid product  
is selected from antisense RNA, antisense DNA, sense RNA, sense DNA, a  
ribozyme and a protein binding nucleic acid sequence, or a combination of the  
foregoing. --

construct  
-- 260. (NEW) The composition of claim 259, wherein said protein binding  
nucleic acid sequence comprises a decoy that binds a protein required for viral  
assembly or viral replication. --

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